



Climate Wise Guide to Industrial Sector Partnerships

***Turning energy
efficiency and
environmental
performance
into a
corporate asset***

***“... a clarion call, not for
more bureaucracy or
regulation or unnecessary
costs, but instead for
American ingenuity and
creativity, to produce the
best and most energy-
efficient technology.”***

***— President Clinton
Climate Change Action Plan, 1993***

Climate Wise

is pleased to inform you of a host of Federal voluntary partnerships that can help turn energy efficiency and environmental performance into an asset for your organization. These partnerships are a key component of the Climate Change Action Plan (CCAP), the U.S. strategic plan for returning greenhouse gas emissions to 1990 levels by the year 2000. Each of the programs promote cost-effective actions that improve efficiency and contribute to national emissions reduction goals. Participants receive a range of technical assistance, financing information, training, and opportunities for public recognition. Whether you are new to the voluntary program arena or already capitalizing on some of these Federal initiatives, EPA and DOE encourage you to take a look and to take advantage of the wealth of opportunities for reducing pollution while improving your bottom line.

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Climate Wise



Ideal for companies facing a broad range of emissions reduction options, Climate Wise can help your industry implement a comprehensive energy efficiency and pollution prevention strategy. In addition to assisting your organization with industrial process improvements, Climate Wise provides an umbrella for participation in multiple CCAP programs. Partners pledge to adopt cost-effective measures such as altering production processes, investing in energy-efficient technologies, switching to lower carbon content fuels, and introducing employee and fleet transit programs. Current participants represent nearly 4 percent of U.S. industrial energy use; pledges are projected to save more than \$80 million annually by 2000.

Partner profile: Industrial corporations, municipalities, and complex commercial facilities.

Contacts: EPA, 202-260-4407, or DOE, 202-586-1507.

Motor Challenge



Get up-front technical assistance and independent performance validation from Motor Challenge when converting to energy-efficient, electric motor systems. Motor systems, including motors, drives, pumps, fans, compressors, and their control-system and mechanical-load components, account for nearly 75 percent of the electricity used by industry. More than 900 companies have taken the Motor Challenge.

Partner profile: Industrial end users, motor and drive manufacturers and distributors, utilities, research institutes, and State energy offices.

Contact: DOE Motor Challenge Hotline, 1-800-862-2086.

Waste Wi\$e



Save money and improve the environment by reducing solid waste from your facilities. Waste Wi\$e will work with your business to identify and implement an innovative solid waste reduction and reuse program. In most large companies and organizations, there are untapped opportunities for reducing solid waste and achieving greater efficiency in daily operations.

Relatively straightforward actions, such as two-sided copying or billing, reducing product and transport packaging, and reusing office supplies, can add up to millions of dollars in annual cost savings. Partners commit to implementing three significant waste prevention activities, expanding collection of recyclable materials, and increasing the purchase and/or manufacture of products with recycled content. More than 390 companies have signed on to be “Waste Wi\$e.”

Partner profile: Fortune 1000 and other large firms, smaller companies, universities, and nonprofit organizations.

Contact: EPA, 1-800-EPA-WISE.

Green Lights



Reduce your lighting electricity bill by more than half while maintaining—and often improving—lighting quality. Green Lights can help you identify energy-efficient lighting technology best suited to your needs. Partners agree to conduct lighting surveys of their entire facilities and complete 90 percent of profitable upgrades within 5 years of enrollment. On average, participants realize a return of more than 30 percent on their initial investment. Over 1,900 organizations participate. Projected annual cost savings from current participants exceed \$72 million annually.

Partner profile: Small and large businesses; Federal, State, and local governments; utilities; and nonprofit organizations.

Contact: EPA ENERGY STAR Hotline, 202-775-6650.

ENERGY STAR Buildings



Save over \$.50 per square foot annually by implementing energy efficiency upgrades at your industrial or commercial buildings. ENERGY STAR Buildings will help you plan and implement a step-by-step strategy that takes advantage of system interactions—saving you money by profitable capital investment in energy-efficient technology. Participants commit to completing all profitable energy efficiency upgrades within 7 years of enrollment. The average rate of return from initial investments is 30 percent or more.

Partner profile: Commercial and industrial building owners who participate in Green Lights.

Contact: EPA ENERGY STAR Hotline, 202-775-6650.

ENERGY STAR Office Equipment



Reduce energy bills by investing in energy-efficient computers, printers, copiers, and fax machines. Look for the ENERGY STARSM logo, which distinguishes these energy-efficient machines. The equipment retains all of the performance features of regular machines, but powers down when not in use to save you money. ENERGY STAR equipment is available at no extra cost; a single ENERGY STAR computer and monitor can save \$7 to \$52 per year in electricity bills.

Partner profile: Commercial, nonprofit, government, and residential sectors.

Contact: EPA ENERGY STAR Hotline, 202-775-6650.

Industrial Assessment Centers (IACs, formerly EADCs)



If you are a small- or medium-size manufacturer, take advantage of your regional IAC. These 30 nationwide university-based centers each provide 30 industrial assessments annually to qualifying manufacturers in their area.

On average, 48 percent of recommendations are implemented to strengthen competitiveness, profitability, and resource management.

Partner profile: Small- and medium-size manufacturers (Standard Industrial Codes 20-39) and participating academic institutions.

Contact: DOE Energy Efficiency and Renewable Energy Clearinghouse (EREC), 1-800-DOE-EREC.

NICE³ (National Industrial Competitiveness through Energy, Environment, and Economics)



NICE³ can provide you with financial assistance for replicable projects that promote pollution prevention and energy efficiency. Industry applicants submit project proposals through a State energy, pollution prevention, or business development office.

Matching grants are awarded through a competitive solicitation process.

Partner profile: State agencies and their manufacturing partners.

Contact: DOE, 1-800-DOE-EREC.

Rebuild America



Mobilize your community to Rebuild America by establishing community and regional partnerships to reduce pollution and save energy in commercial and multifamily residential buildings. With the assistance of DOE, partners set their own goals and develop action plans for their renovation programs. DOE provides customized technical assistance and financial resources to help partners implement their community programs.

Partner profile: Facility owners and operators, State or local governments, utility companies, financial institutions, energy service companies, and others.

Contact: DOE, 1-800-DOE-EREC.

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Other Related Programs

Climate Challenge

Links your electric utility with technical assistance to implement initiatives for reducing, avoiding, or sequestering greenhouse gas emissions. Climate Challenge will work with your organization to identify implementation opportunities, barriers, and solutions for generation, delivery, and end use options. Partners sign a written agreement and report program achievements. Four-hundred-eighty-seven utilities are participating. They represent more than 56 percent of 1990 U.S. electricity generation and carbon emissions; reduction commitments are projected at 46 million tons of carbon by 2000.

Partner profile: Electric utilities and related associations.

Contact: DOE, 1-800-DOE-EREC.

Cities for Climate Protection

Geared toward helping your city employ best practices for reducing greenhouse gas emissions, Cities for Climate Protection provides tools for determining local energy use and developing conservation strategies. The partnership also enhances national and international ties through a collective voice for municipalities. Local governments pledge to endorse the *Declaration on Climate Change and the Urban Environment* and develop and implement action plans to increase energy efficiency in buildings and transportation.

Partner profile: Local governments.

Contact: The International Council for Local Environmental Initiatives, 510-540-8843.

Transportation Partners

Join Transportation Partners and help improve the quality of life in your community by reducing traffic congestion and resulting pollution. The program can help you learn about land use and transportation design strategies; market mechanisms for promoting transportation reform; and new technologies for telecommuting, toll collection, and transit systems.

Partner profile: Local governments and municipalities.

Contact: EPA, 202-260-5490.

U.S. Initiative on Joint Implementation (USIJI)

Gain entry into new international markets by implementing overseas projects that reduce, avoid, or sequester greenhouse gas emissions. USIJI can help identify potential partners, provide guidance for estimating emissions savings, and facilitate host country acceptance of your project. Lessons learned from your participation may evolve into longer term cooperative relationships or facilitate market penetration for your products and/or services.

Partner profile: Private companies, State and local governments, nonprofit organizations, and other interested parties.

Contact: USIJI Secretariat, 202-426-0072; Fax-on-Demand, 202-260-8677.

State and Local Climate Change Outreach Program

Assists State and local governments with technical guidance for identifying sources of greenhouse gas emissions, developing mitigation programs, and demonstrating innovative, cost-effective actions for reducing greenhouse gas emissions. The Urban CO₂ Reduction Project, Green Fleets, and Cities for Climate Protection are just a few of the program's initiatives.

Partner profile: State and municipal governments.

Contact: EPA, 202-260-4033.



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